

ABSTRACT

A low mercury consumption electric lamp is provided having a
a layer of a luminescent material comprising a phosphor derived from a mixture of a mixture
of a cool-white calcium halophosphate, a red-emitting yttrium oxide (YOX), a green-
5 emitting cerium, terbium lanthanum phosphate (LAP), and a blue-emitting europium-
activated barium magnesium hexa-aluminate (BAM).